

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

***** Welcome to STN International *****

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	DEC 01	ChemPort single article sales feature unavailable
NEWS	3	JAN 06	The retention policy for unread STNmail messages will change in 2009 for STN-Columbus and STN-Tokyo
NEWS	4	JAN 07	WPIDS, WPINDEX, and WPIX enhanced Japanese Patent Classification Data
NEWS	5	FEB 02	Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS	6	FEB 02	GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS	7	FEB 06	Patent sequence location (PSL) data added to USGENE
NEWS	8	FEB 10	COMPENDEX reloaded and enhanced
NEWS	9	FEB 11	WTEXTILES reloaded and enhanced
NEWS	10	FEB 19	New patent-examiner citations in 300,000 CA/Caplus patent records provide insights into related prior art
NEWS	11	FEB 19	Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01
NEWS	12	FEB 23	Several formats for image display and print options discontinued in USPATFULL and USPAT2
NEWS	13	FEB 23	MEDLINE now offers more precise author group fields and 2009 MeSH terms
NEWS	14	FEB 23	TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms
NEWS	15	FEB 23	Three million new patent records blast AEROSPACE into STN patent clusters
NEWS	16	FEB 25	USGENE enhanced with patent family and legal status display data from INPADOCDB
NEWS	17	MAR 06	INPADOCDB and INPAFAMDB enhanced with new display formats
NEWS	18	MAR 11	EPFULL backfile enhanced with additional full-text applications and grants
NEWS	19	MAR 11	ESBIOBASE reloaded and enhanced
NEWS	20	MAR 20	CAS databases on STN enhanced with new super role for nanomaterial substances
NEWS	21	MAR 23	CA/Caplus enhanced with more than 250,000 patent equivalents from China
NEWS	22	MAR 30	IMSPATENTS reloaded and enhanced
NEWS	23	APR 03	CAS coverage of exemplified prophetic substances enhanced
NEWS EXPRESS	JUNE 27 08	CURRENT WINDOWS VERSION IS V8.3,	
		AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.	
NEWS HOURS	STN Operating Hours Plus Help Desk Availability		
NEWS LOGIN	Welcome Banner and News Items		
NEWS IPC8	For general information regarding STN implementation of IPC 8		

Enter NEWS followed by the item number or name to see news on that specific topic.

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***** STN Columbus *****

FILE 'HOME' ENTERED AT 05:11:33 ON 07 APR 2009

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'REGISTRY' ENTERED AT 05:11:49 ON 07 APR 2009

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 5 APR 2009 HIGHEST RN 1132636-28-2

DICTIONARY FILE UPDATES: 5 APR 2009 HIGHEST RN 1132636-28-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.44	1.66

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 05:13:38 ON 07 APR 2009

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

***** RECONNECTED TO STN INTERNATIONAL *****

SESSION RESUMED IN FILE 'REGISTRY' AT 05:33:50 ON 07 APR 2009
FILE 'REGISTRY' ENTERED AT 05:33:50 ON 07 APR 2009
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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

1.44

1.66

=>

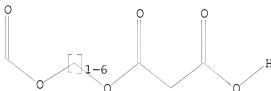
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary
files\10531382\10531382 general AF search.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l1 sss sam

SAMPLE SEARCH INITIATED 05:35:14 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1796 TO ITERATE

100.0% PROCESSED 1796 ITERATIONS

3 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 33378 TO 38462

PROJECTED ANSWERS: 3 TO 163

L2 3 SEA SSS SAM L1

=> d scan

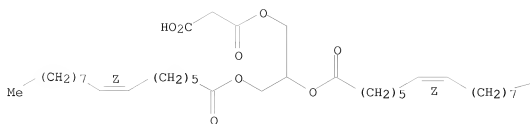
L2 3 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN

IN Propanedioic acid, 1-[2,3-bis[[[(7Z)-1-oxo-7-hexadecen-1-yl]oxy]propyl]
ester

MF C38 H66 O8

Double bond geometry as shown.

PAGE 1-A



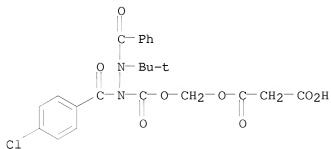
PAGE 1-B

Me

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

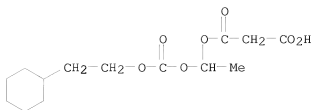
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L2 3 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[[[2-benzoyl-1-(4-chlorobenzoyl)-2-(1,1-dimethylethyl)hydrazinyl]carbonyl]oxy]methyl] ester
 MF C23 H23 Cl N2 O8
 CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 3 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[1-[[[2-cyclohexylethoxy]carbonyl]oxy]ethyl] ester
 MF C14 H22 O7



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> search l1 sss full

FULL SEARCH INITIATED 05:39:14 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 35100 TO ITERATE

100.0% PROCESSED 35100 ITERATIONS

46 ANSWERS

SEARCH TIME: 00.00.03

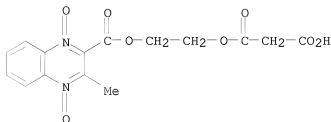
L3 46 SEA SSS FUL L1

=> d scan

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN

IN Propanedioic acid, 1-[2-[(3-methyl-1,4-dioxido-2-quinoxaliny)carbonyloxy]ethyl] ester, sodium salt (1:1)

MF C15 H14 N2 O8 . Na



● Na

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):20

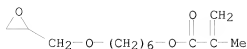
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN

IN Propanedioic acid, 1-[4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]butyl] ester, polymer with 2-methyl-2-propenoic acid, 6-(2-oxiranylmethoxy)hexyl 2-methyl-2-propenoate and 2-oxiranylmethyl 2-methyl-2-propenoate

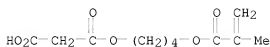
MF (C13 H22 O4 . C11 H16 O6 . C7 H10 O3 . C4 H6 O2)x

CI PMS

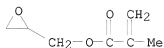
CM 1



CM 2



CM 3

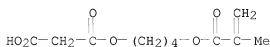


CM 4

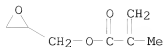


L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]butyl] ester,
polymer with 2-oxiranylmethyl 2-methyl-2-propenoate
MF (C11 H16 O6 . C7 H10 O3)x
CI PMS

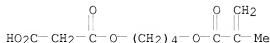
CM 1



CM 2



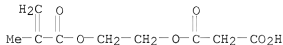
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]butyl] ester
 MF C11 H16 O6
 CI COM



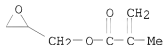
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl] ester,
 polymer with 2-oxiranylmethyl 2-methyl-2-propenoate
 (C9 H12 O6 . C7 H10 O3)x
 CI PMS

CM 1

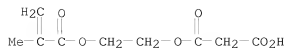


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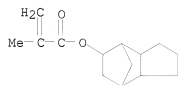


L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl] ester,
 polymer with 1,3-butadiene, 2-methyl-2-propenoic acid,
 octahydro-4,7-methano-1H-inden-5-yl 2-methyl-2-propenoate and phenylmethyl
 2-methyl-2-propenoate
 (C14 H20 O2 . C11 H12 O2 . C9 H12 O6 . C4 H6 O2 . C4 H6)x
 CI PMS

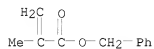
CM 1



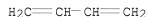
CM 2



CM 3



CM 4

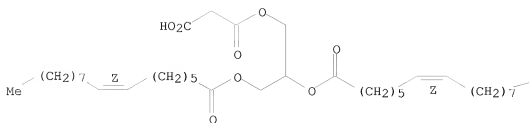


CM 5



L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[2,3-bis[[(7Z)-1-oxo-7-hexadecen-1-yl]oxy]propyl]
 ester
 MF C38 H66 O8

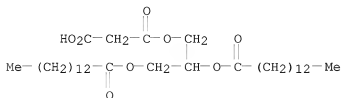
Double bond geometry as shown.



Me

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

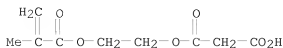
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[2,3-bis[(1-oxotetradecyl)oxy]propyl] ester
 MF C34 H62 O8



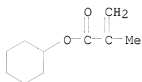
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl] ester,
 polymer with cyclohexyl 2-methyl-2-propenoate and methyl
 2-methyl-2-propenoate
 MF (C10 H16 O2 . C9 H12 O6 . C5 H8 O2)x
 CI PMS

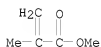
CM 1



CM 2

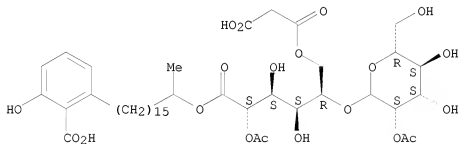


CM 3



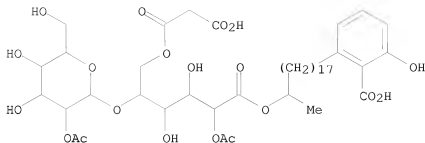
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on SIN
 IN D-Mannonic acid, 5-O-(2-O-acetyl-D-mannopyranosyl)-,
 16-(2-carboxy-3-hydroxyphenyl)-1-methylhexadecyl ester, 2-acetate
 6-(hydrogen propanedioate)
 MF C43 H66 O20

Absolute stereochemistry. Rotation (-).
 Currently available stereo shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

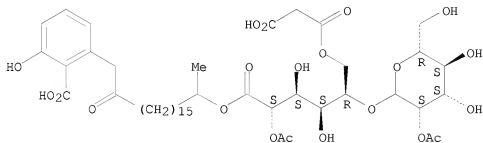
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on SIN
 IN Hexonic acid, 5-O-(2-O-acetylhexopyranosyl)-,
 18-(2-carboxy-3-hydroxyphenyl)-1-methyloctadecyl ester, 2-acetate
 6-(hydrogen propanedioate) (9CI)
 MF C45 H70 O20



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

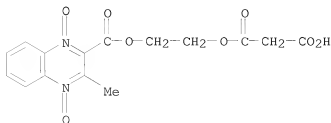
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN D-Mannonic acid, 5-O-(2-O-acetyl-D-mannopyranosyl)-,
 18-(2-carboxy-3-hydroxyphenyl)-1-methyl-17-oxooctadecyl ester, 2-acetate
 6-(hydrogen propanedioate)
 MF C45 H68 O21

Absolute stereochemistry. Rotation (-).
 Currently available stereo shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

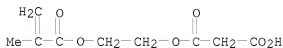
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[2-[(3-methyl-1,4-dioxido-2-
 quinoxaliny)carbonyl]oxy]ethyl] ester
 MF C15 H14 N2 O8
 CI COM



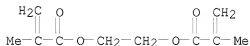
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, mono[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl] ester,
 polymer with 1,2-ethanediyl bis(2-methyl-2-propenoate) and methyl
 2-methyl-2-propenoate (9CI)
 MF (C10 H14 O4 . C9 H12 O6 . C5 H8 O2)x
 CI PMS

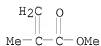
CM 1



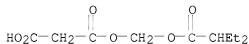
CM 2



CM 3

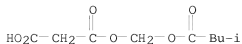


L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[(2-ethyl-1-oxobutoxy)methyl] ester
 MF C10 H16 O6



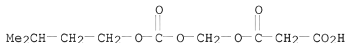
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[(3-methyl-1-oxobutoxy)methyl] ester
 MF C9 H14 O6



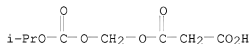
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[[[(3-methylbutoxy)carbonyl]oxy]methyl] ester
 MF C10 H16 O7



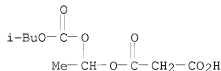
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[[[(1-methylethoxy)carbonyl]oxy]methyl] ester
 MF C8 H12 O7



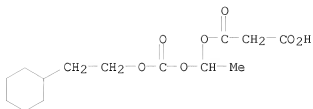
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[1-[[[(2-methylpropoxy)carbonyl]oxy]ethyl] ester
 MF C10 H16 O7



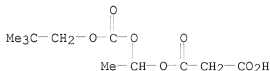
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
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 MF C14 H22 O7



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

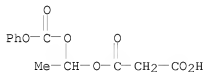
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[1-[(2,2-dimethylpropoxy)carbonyloxy]ethyl] ester
 MF C11 H18 O7



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

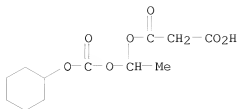
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):20

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[1-[(phenoxycarbonyloxy)ethyl] ester
 MF C12 H12 O7



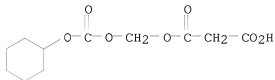
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[1-[(cyclohexyloxy)carbonyloxy]ethyl] ester
 MF C12 H18 O7



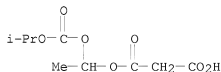
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[[[(cyclohexyloxy)carbonyl]oxy]methyl] ester
 MF C11 H16 O7



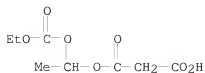
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[1-[(1-methylethoxy)carbonyl]oxy]ethyl] ester
 MF C9 H14 O7



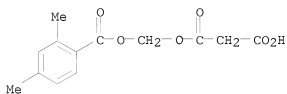
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[1-[(ethoxycarbonyl)oxy]ethyl] ester
 MF C8 H12 O7



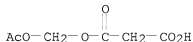
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on SIN
 IN Propanedioic acid, 1-[[(2,4-dimethylbenzoyl)oxy]methyl] ester
 MF C13 H14 O6



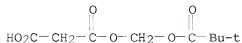
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on SIN
 IN Propanedioic acid, 1-[(acetyloxy)methyl] ester
 MF C6 H8 O6



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on SIN
 IN Propanedioic acid, 1-[(2,2-dimethyl-1-oxopropoxy)methyl] ester
 MF C9 H14 O6

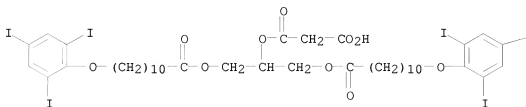


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on SIN

IN Propanedioic acid, 1-[2-[[1-oxo-11-(2,4,6-triiodophenoxy)undecyl]oxy]-1-
 [[1-oxo-11-(2,4,6-triiodophenoxy)undecyl]oxy]methyl]ethyl] ester
 MF C40 H52 I6 O10

PAGE 1-A

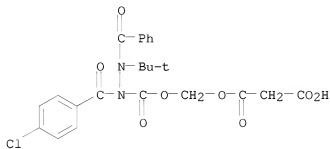


PAGE 1-B

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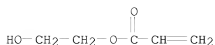
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[[[2-benzoyl-1-(4-chlorobenzoyl)-2-(1,1-
 dimethylethyl)hydrazinyl]carbonyl]oxy]methyl] ester, sodium salt (1:1)
 MF C23 H23 Cl N2 O8 . Na

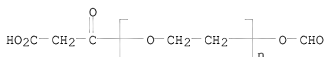


● Na

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[[[2-benzoyl-1-(4-chlorobenzoyl)-2-(1,1-
 dimethylethyl)hydrazinyl]carbonyl]oxy]methyl] ester
 MF C23 H23 Cl N2 O8
 CI COM

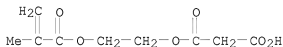


L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Poly(oxy-1,2-ethanediyl), α -(carboxyacetyl)- ω -(formyloxy)-
 (9CI)
 MF (C2 H4 O)_n C4 H4 O5
 CI PMS



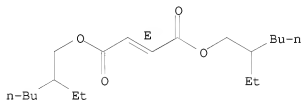
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN 2-Butenedioic acid (2E)-, bis(2-ethylhexyl) ester, polymer with
 ethenylbenzene, 2,5-furandione and 2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl
 hydrogen propanedioate (9CI)
 MF (C20 H36 O4 . C9 H12 O6 . C8 H8 . C4 H2 O3)_x
 CI PMS

CM 1



CM 2

Double bond geometry as shown.



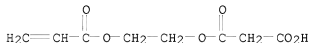
CM 3



CM 4



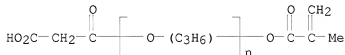
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Propanedioic acid, 1-[2-[(1-oxo-2-propen-1-yl)oxy]ethyl] ester
MF C8 H10 O6
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Poly[oxy(methyl-1,2-ethanediyl)], α -(carboxyacetyl)- ω -[(2-methyl-1-oxo-2-propenyl)oxy]-, polymer with ethenylbenzene (9CI)
MF (C8 H8 . (C3 H6 O)_n C7 H8 O5)_x
CI PMS

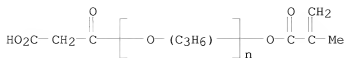
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CM 2



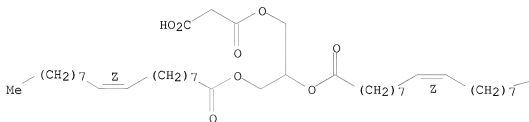
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Poly[oxy(methyl-1,2-ethanediyl)], α -(carboxyacetyl)- ω -[(2-methyl-1-oxo-2-propenyl)oxy]- (9CI)
MF (C3 H6 O)_n C7 H8 O5
CI IDS, PMS, COM



L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[2,3-bis[[(9Z)-1-oxo-9-octadecen-1-yl]oxy]propyl]
 ester
 MF C42 H74 O8

Double bond geometry as shown.

PAGE 1-A



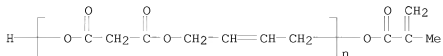
PAGE 1-B

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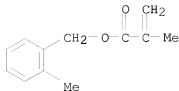
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, (2-methylphenyl)methyl ester, polymer with
 α -hydro- ω -[(2-methyl-1-oxo-2-propenyl)oxy]poly[oxy(1,3-dioxo-
 1,3-propanediyl)oxy-2-butene-1,4-diyl] (9CI)
 MF (C12 H14 O2 . (C7 H8 O4)n C4 H6 O2)x
 CI PMS

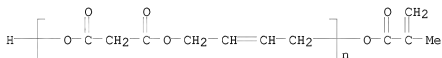
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CM 2



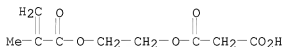
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Poly[oxy(1,3-dioxo-1,3-propanediyl)oxy-2-butene-1,4-diyl],
 α-hydro-ω-[(2-methyl-1-oxo-2-propenyl)oxy]- (9CI)
 MF (C7 H8 O4)_n C4 H6 O2
 CI PMS, COM



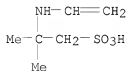
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, mono[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl] ester,
 polymer with 2-(ethenylamino)-2-methyl-1-propanesulfonic acid and methyl
 2-propenoate (9CI)
 MF (C9 H12 O6 . C6 H13 N O3 S . C4 H6 O2)_x
 CI PMS

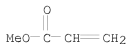
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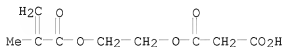
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CM 3



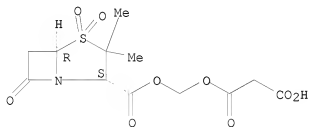
L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl] ester
 MF C9 H12 O6
 CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, mono[[[(3,3-dimethyl-4,4-dioxido-7-oxo-4-thia-1-azabicyclo[3.2.0]hept-2-yl)carbonyl]oxy]methyl] ester, (2S-cis)- (9CI)
 MF C12 H15 N O9 S
 CI COM

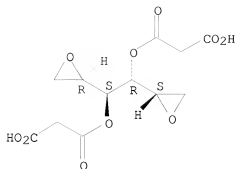
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Galactitol, 1,2:5,6-dianhydro-, bis(hydrogen propanedioate) (9CI)
 MF C12 H14 O10

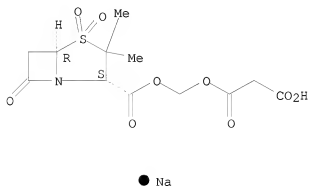
Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 46 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, mono[[[(3,3-dimethyl-4,4-dioxido-7-oxo-4-thia-1-azabicyclo[3.2.0]hept-2-yl)carbonyl]oxy]methyl] ester, sodium salt, (2S-cis)- (9CI)
 MF C12 H15 N O9 S . Na

Absolute stereochemistry.



● Na

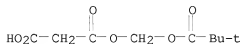
ALL ANSWERS HAVE BEEN SCANNED

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=> e Propanedioic acid, 1-((2,2-dimethyl-1-oxopropoxy)methyl) ester/cn
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          METHYL) 3-ETHYL ESTER/CN
E2      1      PROPANEDIOIC ACID, 1-((2,2-DIMETHYL-1,3-DIOXOLAN-4-YL)METHYL
          ) 3-(2-MERCAPTOETHYL) ESTER/CN
E3      1 --> PROPANEDIOIC ACID, 1-((2,2-DIMETHYL-1-OXOPROPOXY)METHYL) EST
          ER/CN
E4      1      PROPANEDIOIC ACID, 1-((2,3-DIHYDRO-1,3-DIOXO-1H-INDEN-2-YL)P
          HENYLMETHYL) 3-ETHYL ESTER/CN
E5      1      PROPANEDIOIC ACID, 1-((2,3-DIHYDRO-1,3-DIOXO-2-PHENYL-1H-IND
          EN-2-YL)METHYL) ESTER/CN
E6      1      PROPANEDIOIC ACID, 1-((2,6-DICHLORO-4-PYRIDINYLMETHYL) 3-ME
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E7 1 THYL ESTER/CN
 PROPANEDIOIC ACID, 1-((2-(((1,1-DIMETHYLETHYL)DIPHENYLSILYL
)OXY)METHYL)-3,6-DIHYDRO-6-METHOXY-2H-PYRAN-3-YL)METHYL) 3-M
 ETHYL ESTER/CN
 E8 1 PROPANEDIOIC ACID, 1-((2-(((2,3-DIMETHYL-1-(PHENYLMETHYL)-1H
 -PYRROLO(2,3-D)PYRIDAZIN-7-YL)OXY)METHYL)PHENYL)METHYL) 3-ME
 THYL ESTER/CN
 E9 1 PROPANEDIOIC ACID, 1-((2-((3-(((4-(2,4-BIS(1,1-DIMETHYLPROPY
 L)PHENOXY)BUTYL)AMINO)CARBONYL)-4-HYDROXY-1-NAPHTHALENYL)OXY
)-5-(((2-NITROPHENYL)SULFONYL)AMINO)PHENYL)METHYL) ESTER/CN
 E10 1 PROPANEDIOIC ACID, 1-((2-(1,3-DITHIOL-2-YLIDENE)-1,3-DITHIOL
 -4-YL)METHYL) 3-ETHYL ESTER/CN
 E11 1 PROPANEDIOIC ACID, 1-((2-CHLORO-4-FLUORO-5-(1,3,4,5,6,7-HEXA
 HYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)PHENYL)METHYL) 3-ETHYL ESTE
 R/CN
 E12 1 PROPANEDIOIC ACID, 1-((2-CHLORO-5-(2,6-DICHLORO-4-(TRIFLUORO
 METHYL)PHENOXY)PHENYL)METHYL) 3-METHYL ESTER/CN
 => e3
 L4 1 "PROPANEDIOIC ACID, 1-((2,2-DIMETHYL-1-OXOPROPOXY)METHYL) ESTER"
 /CN

=> d 14

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 682747-74-6 REGISTRY
 ED Entered STN: 18 May 2004
 CN Propanedioic acid, 1-[(2,2-dimethyl-1-oxopropoxy)methyl] ester
 (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Propanedioic acid, mono[(2,2-dimethyl-1-oxopropoxy)methyl] ester (9CI)
 MF C9 H14 O6
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	203.84	204.06

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DICTIONARY FILE UPDATES: 5 APR 2009 HIGHEST RN 1132636-28-2

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<http://www.cas.org/support/stngen/stdoc/properties.html>

=> l4

L5 1 "PROPANEDIOIC ACID, 1-((2,2-DIMETHYL-1-OXOPROPOXY)METHYL) ESTER"
/CN

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
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FILE 'CAPLUS' ENTERED AT 05:46:03 ON 07 APR 2009
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FILE COVERS 1907 - 7 Apr 2009 VOL 150 ISS 15
FILE LAST UPDATED: 6 Apr 2009 (20090406/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> l4

L6 2 L4

=> d 16 1-2 ti fbib abs

L6 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Process for preparation of malonic acid monoesters
 AN 2004:354912 CAPLUS <<LOGINID::20090407>>
 DN 140:374903
 TI Process for preparation of malonic acid monoesters
 IN Sawabe, Takehiko; Aihara, Kazuhiro; Atsumi, Kunio; Ajito, Keiichi
 PA Meiji Seika Kaisha, Ltd., Japan
 SO PCT Int. Appl., 41 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004035540	A1	20040429	WO 2003-JP13319	20031017
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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				JP 2003-50293	A 20030227
	AU 2003301426	A1	20040504	AU 2003-301426	20031017
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				JP 2003-50293	A 20030227
				WO 2003-JP13319	W 20031017
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				JP 2003-50293	A 20030227
	US 20050272950	A1	20051208	US 2005-531382	20050415
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				JP 2003-50293	A 20030227
				WO 2003-JP13319	W 20031017

PATENT FAMILY INFORMATION:

FAN 2004:354911

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				JP 2002-304630	A 20021018
	AU 2003301425	A1	20040504	AU 2003-301425	20031017

JP 2002-304630 A 20021018
WO 2003-JP13318 W 20031017

OS MARPAT 140:374903

AB This invention pertains to a method for producing malonic acid monoesters with general formula of HO2CCH2CO2R [where R = a group which is easily hydrolyzed in vivo] or salts, which comprises reacting malonic acid with a halide in the presence of a base. For example, acetoxyethyl bromide was reacted with malonic acid in THF in the presence of N,N-diisopropylethylamine to give malonic acid mono-acetoxyethyl ester. This invention provides a method to make malonic acid monoesters with low cost.

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN
TI Process for preparation of carbapenem derivatives
AN 2004:354911 CAPLUS <<LOGINID::20090407>>
DN 140:357192
TI Process for preparation of carbapenem derivatives
IN Yasuda, Shohei; Okue, Masayuki; Hori, Nobuyuki
PA Meiji Seika Kaisha, Ltd., Japan
SO PCT Int. Appl., 54 pp.
CODEN: PIXXD2

DT Patent
LA Japanese
FAN.CNT 2

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RW:			GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG	
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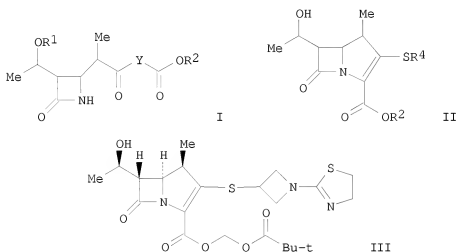
PATENT FAMILY INFORMATION:

FAN 2004:354912

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RW:			GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG	
AU 2003301426	A1	20040504	JP 2002-304630 A 20021018 JP 2003-50293 A 20030227 AU 2003-301426 20031017	

			JP 2002-304630	A	20021018
			JP 2003-50293	A	20030227
			WO 2003-JP13319	W	20031017
EP 1561748	A1	20050810	EP 2003-756680		20031017
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
			JP 2002-304630	A	20021018
			JP 2003-50293	A	20030227
			WO 2003-JP13319	W	20031017
US 20050272950	A1	20051208	US 2005-531382		20050415
			JP 2002-304630	A	20021018
			JP 2003-50293	A	20030227
			WO 2003-JP13319	W	20031017

OS MARPAT 140:357192
GI



AB This invention pertains to a method for producing carbapenem derivs. with general formula of I and II [wherein Y = CH₂ or C(=N₂); R₁ = a protecting group of OH; R₂ = an in vivo degradable group; R₄ = 1-(1,3-thiazolin-2-yl)azetidin-3-yl or 2-oxopyrrolidin-4-yl]. For example, the compound III was prepared in a multi-step synthesis starting from an azetidine derivative including a cyclization reaction. By the process, the title compds. can be produced at a lower cost and can be advantageously produced industrially.

RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 05:11:33 ON 07 APR 2009)

FILE 'REGISTRY' ENTERED AT 05:11:49 ON 07 APR 2009

L1 STRUCTURE UPLOADED
L2 3 SEARCH L1 SSS SAM
L3 46 SEARCH L1 SSS FULL
L4 E PROPANEDIOIC ACID, 1-((2,2-DIMETHYL-1-OXOPROPOXY)METHYL) ESTE
1 E3
SAVE TEMP L3 RAWSUPERSET/A

L5 FILE 'REGISTRY' ENTERED AT 05:45:45 ON 07 APR 2009
1 L4

L6 FILE 'CAPLUS' ENTERED AT 05:46:03 ON 07 APR 2009
2 L4

=> 13

L7 28 L3

=> d 17 18-28 ti

L7 ANSWER 18 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Ultraviolet ray-curable adhesive compositions for metal hubs

L7 ANSWER 19 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Reactive emulsifiers for emulsion polymerization of vinyl compounds

L7 ANSWER 20 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Lipid Derivatives of Sarcosine, Methotrexate, and Rubomycin

L7 ANSWER 21 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Electrophotographic light-sensitive material

L7 ANSWER 22 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI High-contrast silver halide photographic material

L7 ANSWER 23 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Orally effective acid prodrugs of the β -lactamase inhibitor sulbactam

L7 ANSWER 24 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI RP-HPLC assay for 1,2-5,6-dianhydro-3,4-disuccinylgalactitol and its metabolites in blood plasma and liver

L7 ANSWER 25 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Bis-esters of dicarboxylic acids with amoxicillin and certain hydroxymethylpenicillanate 1,1-dioxides

L7 ANSWER 26 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI 1,1-Alkanediol dicarboxylate-linked antibacterial agents

L7 ANSWER 27 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI 1,1-Alkanediol dicarboxylate linked antibacterial agents

L7 ANSWER 28 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Substituted alkyl esters of quinoxaline-di-N-oxide-2-carboxylic acid

=> d 17 1-18 ti

L7 ANSWER 1 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Negative photosensitive resin composition, spacer and liquid crystal display

L7 ANSWER 2 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Novel facultative cationic sterols and liposomes containing them

L7 ANSWER 3 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
TI Amphoteric liposomes, method of formulating amphoteric liposomes and of loading an amphoteric liposomes

L7 ANSWER 4 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Ink-jet ink compositions with excellent dispersibility and storage stability and manufacture of lithographic printing plates using them

L7 ANSWER 5 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
 TI F-16438s, novel binding inhibitors of CD44 and hyaluronic acid. II. Producing organism, fermentation, isolation, physico-chemical properties and structural elucidation

L7 ANSWER 6 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
 TI F-16438s, novel binding inhibitors of CD44 and hyaluronic acid. Establishment of an assay method and biological activity

L7 ANSWER 7 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Preparation of novel pyrazoloquinolones and their use for medical compositions

L7 ANSWER 8 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Acidolysis between triolein and short-chain fatty acid by lipase in organic solvents

L7 ANSWER 9 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Gloeoporus for manufacture of inhibitors to Hyaluronic acid receptor CD44

L7 ANSWER 10 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Polymerizable compositions containing certain cyanine dyes with excellent storage stability and IR sensitivity and presensitized lithographic plates using them

L7 ANSWER 11 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Process for preparation of malonic acid monoesters

L7 ANSWER 12 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Process for preparation of carbapenem derivatives

L7 ANSWER 13 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Glycerol ester derivative

L7 ANSWER 14 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Preparation of derivatives of known pesticides, with enhanced properties

L7 ANSWER 15 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Oily ink compositions for electrostatic ink-jet printing with good discharge stability and images having high clearness and adhesion strength

L7 ANSWER 16 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Resist developer containing basic organic compound and formic acid ester and rapid developing method using it

L7 ANSWER 17 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Resin composition for electrophotographic toner

L7 ANSWER 18 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Ultraviolet ray-curable adhesive compositions for metal hubs

=> d l7 ll ti fbib abs
 'LL' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

The following are valid formats:

ABS ----- GI and AB
 ALL ----- BIB, AB, IND, RE
 APPS ----- AI, PRAI
 BIB ----- AN, plus Bibliographic Data and PI table (default)
 CAN ----- List of CA abstract numbers without answer numbers
 CBIB ----- AN, plus Compressed Bibliographic Data
 CLASS ----- IPC, NCL, ECLA, FTERM
 DALL ----- ALL, delimited (end of each field identified)
 DMAX ----- MAX, delimited for post-processing
 FAM ----- AN, PI and PRAI in table, plus Patent Family data
 FBIB ----- AN, BIB, plus Patent FAM
 IND ----- Indexing data
 IPC ----- International Patent Classifications
 MAX ----- ALL, plus Patent FAM, RE
 PATS ----- PI, SO
 SAM ----- CC, SX, TI, ST, IT
 SCAN ----- CC, SX, TI, ST, IT (random display, no answer numbers;
 SCAN must be entered on the same line as the DISPLAY,
 e.g., D SCAN or DISPLAY SCAN)
 STD ----- BIB, CLASS

 IABS ----- ABS, indented with text labels
 IALL ----- ALL, indented with text labels
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 SIBIB ----- IBIB, no citations

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 HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)
 containing hit terms
 HITRN ----- HIT RN and its text modification
 HITSTR ----- HIT RN, its text modification, its CA index name, and
 its structure diagram
 HITSEQ ----- HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
 FHITSTR ----- First HIT RN, its text modification, its CA index name, and
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 FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
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 ENTER DISPLAY FORMAT (BIB):end

=> d 17 11 ti fbib abs

L7 ANSWER 11 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Process for preparation of malonic acid monoesters
 AN 2004:354912 CAPLUS <<LOGINID::20090407>>
 DN 140:374903
 TI Process for preparation of malonic acid monoesters
 IN Sawabe, Takehiko; Aihara, Kazuhiro; Atsumi, Kunio; Ajito, Keiichi
 PA Meiji Seika Kaisha, Ltd., Japan
 SO PCT Int. Appl., 41 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004035540	A1	20040429	WO 2003-JP13319	20031017
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				JP 2002-304630	A 20021018
				JP 2003-50293	A 20030227
AU	2003301426	A1	20040504	AU 2003-301426	20031017
				JP 2002-304630	A 20021018
				JP 2003-50293	A 20030227
				WO 2003-JP13319	W 20031017
EP	1561748	A1	20050810	EP 2003-756680	20031017
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
				JP 2002-304630	A 20021018
				JP 2003-50293	A 20030227
				WO 2003-JP13319	W 20031017
US	20050272950	A1	20051208	US 2005-531382	20050415
				JP 2002-304630	A 20021018
				JP 2003-50293	A 20030227
				WO 2003-JP13319	W 20031017

PATENT FAMILY INFORMATION:

FAN 2004:354911

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
				JP 2002-304630	A 20021018
AU	2003301425	A1	20040504	AU 2003-301425	20031017
				JP 2002-304630	A 20021018
				WO 2003-JP13318	W 20031017

OS MARPAT 140:374903

AB This invention pertains to a method for producing malonic acid monoesters with general formula of $\text{HO}_2\text{CCH}_2\text{CO}_2\text{R}$ [where R = a group which is easily hydrolyzed in vivo] or salts, which comprises reacting malonic acid with a halide in the presence of a base. For example, acetoxymethyl bromide was reacted with malonic acid in THF in the presence of N,N-diisopropylethylamine to give malonic acid mono-acetoxymethyl ester. This invention provides a method to make malonic acid monoesters with low cost.

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d l7 11 t13 fbib abs
'T13' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

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DALL ----- ALL, delimited (end of each field identified)
DMAX ----- MAX, delimited for post-processing
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FBIB ----- AN, BIB, plus Patent FAM
IND ----- Indexing data
IPC ----- International Patent Classifications
MAX ----- ALL, plus Patent FAM, RE
PATS ----- PI, SO
SAM ----- CC, SX, TI, ST, IT
SCAN ----- CC, SX, TI, ST, IT (random display, no answer numbers;
SCAN must be entered on the same line as the DISPLAY,
e.g., D SCAN or DISPLAY SCAN)
STD ----- BIB, CLASS

IABS ----- ABS, indented with text labels
IALL ----- ALL, indented with text labels
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SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations

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HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)
containing hit terms
HITRN ----- HIT RN and its text modification
HITSTR ----- HIT RN, its text modification, its CA index name, and
its structure diagram
HITSEQ ----- HIT RN, its text modification, its CA index name, its
structure diagram, plus NTE and SEQ fields
FHITSTR ----- First HIT RN, its text modification, its CA index name, and
its structure diagram

FHITSEQ ----- First HIT RN, its text modification, its CA index name, its structure diagram, plus NTE and SEQ fields
 KWIC ----- Hit term plus 20 words on either side
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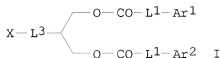
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L7 ANSWER 13 OF 28 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Glycerol ester derivative
 AN 2003:777740 CAPLUS <<LOGINID::20090407>>
 DN 139:291978
 TI Glycerol ester derivative
 IN Takahashi, Kazunobu; Kitaguchi, Hiroshi; Aikawa, Kazuhiro
 PA Fuji Photo Film Co., Ltd., Japan
 SO PCT Int. Appl., 71 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003080554	A2	20031002	WO 2003-JP3814	20030327
WO 2003080554	A3	20040415		
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RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2003219554	A1	20031008	JP 2002-88694 JP 2002-88695 AU 2003-219554 JP 2002-88694 JP 2002-88695 WO 2003-JP3814 EP 2003-715494	A 20020327 A 20020327 A 20020327 A 20020327 A 20020327 W 20030327 A 20020327
EP 1492776	A2	20050105		
EP 1492776	B1	20081029		
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JP 2005529858	T	20051006	JP 2002-88694 JP 2002-88695 WO 2003-JP3814 JP 2003-578313 JP 2002-88694 JP 2002-88695	A 20020327 A 20020327 W 20030327 A 20020327 A 20020327 A 20020327

AT 412641	T	20081115	WO 2003-JP3814	W	20030327
			AT 2003-715494		20030327
			JP 2002-88694	A	20020327
US 20060062726	A1	20060323	JP 2002-88695	A	20020327
US 7371877	B2	20080513	US 2005-507486		20050913
			JP 2002-88694	A	20020327
			JP 2002-88695	A	20020327
			WO 2003-JP3814	W	20030327

OS MARPAT 139:291978
GI



AB The invention claims the glycerol esters I or their salts (Ar1 = H or aryl group having at least one I atom as a substituent; Ar2 = aryl group having at least one I atom as a substituent; L1 and L2 independently = a divalent bridging group of which main chain contains ≥6 C atoms; L3 = a single bond or a divalent bridging group of which main chain contains 1-6 C atoms and one O atom; X = a functional group containing at least one heteroatom, provided that, when L3 is a single bond, X represents a functional group other than hydroxyl group). I can be used as a membrane component of liposomes, and the liposomes can be used as a contrast medium for x-ray radiog.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> logoff hold
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
57.07	266.96

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-3.28	-3.28

CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 06:00:21 ON 07 APR 2009

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LOGINID:SSSPTA1623PAZ

PASSWORD:

***** RECONNECTED TO STN INTERNATIONAL *****
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FILE 'CAPLUS' ENTERED AT 06:05:20 ON 07 APR 2009
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	57.07	266.96
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.28	-3.28

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	57.07	266.96
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.28	-3.28

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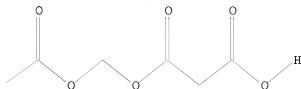
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L8 STRUCTURE UPLOADED

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L8 HAS NO ANSWERS

L8 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l8 exact full

FULL SEARCH INITIATED 06:06:22 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 3 TO ITERATE

100.0% PROCESSED 3 ITERATIONS

1 ANSWERS

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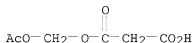
L9 1 SEA EXA FUL L8

=> d scan

L9 1 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN

IN Propanedioic acid, 1-[(acetyloxy)methyl] ester

MF C6 H8 O6



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> d l9

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN

RN 683251-13-0 REGISTRY

ED Entered STN: 19 May 2004

CN Propanedioic acid, 1-[(acetyloxy)methyl] ester (CA INDEX NAME)

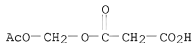
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CN Propanedioic acid, mono[(acetyloxy)methyl] ester (9CI)

MF C6 H8 O6

SR CA

LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

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CA SUBSCRIBER PRICE	0.00	-3.28

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FILE COVERS 1907 - 7 Apr 2009 VOL 150 ISS 15
 FILE LAST UPDATED: 6 Apr 2009 (20090406/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> 19
 L10 1 L9

=> d l10 ti fbib abs

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
 TI Process for preparation of malonic acid monoesters
 AN 2004:354912 CAPLUS <<LOGINID::20090407>>
 DN 140:374903
 TI Process for preparation of malonic acid monoesters
 IN Sawabe, Takehiko; Aihara, Kazuhiro; Atsumi, Kunio; Ajito, Keiichi
 PA Meiji Seika Kaisha, Ltd., Japan
 SO PCT Int. Appl., 41 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2004035540	A1	20040429	WO 2003-JP13319	20031017
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		JP 2003-50293	A 20030227
		WO 2003-JP13319	W 20031017

PATENT FAMILY INFORMATION:

FAN 2004:354911

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				JP 2002-304630	A 20021018
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		JP 2002-304630	A 20021018		
		WO 2003-JP13318	W 20031017		

OS MARPAT 140:374903

AB This invention pertains to a method for producing malonic acid monoesters with general formula of HO2CCH2CO2R [where R = a group which is easily hydrolyzed in vivo] or salts, which comprises reacting malonic acid with a halide in the presence of a base. For example, acetoxyethyl bromide was reacted with malonic acid in THF in the presence of N,N-diisopropylethylamine to give malonic acid mono-acetoxyethyl ester. This invention provides a method to make malonic acid monoesters with low cost.

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> sel l10 rn
E1 THROUGH E44 ASSIGNED

=>

=> file caplus
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.82	-4.10

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FILE COVERS 1907 - 7 Apr 2009 VOL 150 ISS 15
 FILE LAST UPDATED: 6 Apr 2009 (20090406/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

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STRUCTURE FILE UPDATES: 5 APR 2009 HIGHEST RN 1132636-28-2
 DICTIONARY FILE UPDATES: 5 APR 2009 HIGHEST RN 1132636-28-2

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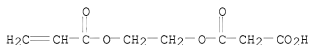
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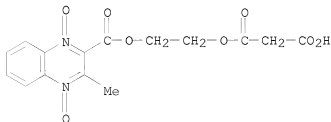
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 L12 31 L3 NOT L11
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 L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on SIN
 IN Propanedioic acid, 1-[2-[(1-oxo-2-propen-1-yl)oxy]ethyl] ester
 MF C8 H10 O6
 CI COM



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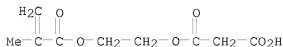
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 MF C15 H14 N2 O8
 CI COM



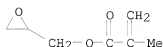
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 IN Propanedioic acid, 1-[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl] ester,
 polymer with 2-oxiranylmethyl 2-methyl-2-propenoate
 MF (C9 H12 O6 . C7 H10 O3)x
 CI PMS

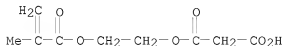
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CM 2



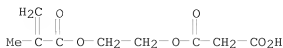
L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl] ester
 MF C9 H12 O6
 CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

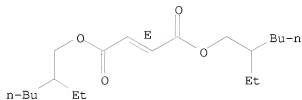
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 IN 2-Butenedioic acid (2E)-, bis(2-ethylhexyl) ester, polymer with
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 hydrogen propanedioate (9CI)
 MF (C20 H36 O4 . C9 H12 O6 . C8 H8 . C4 H2 O3)x
 CI PMS

CM 1



CM 2

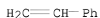
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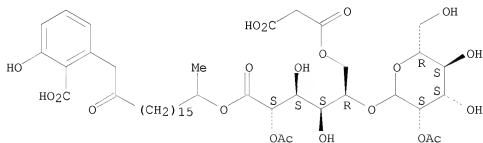


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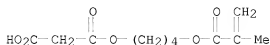
L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN D-Mannonic acid, 5-O-(2-O-acetyl-D-mannopyranosyl)-,
 18-(2-carboxy-3-hydroxyphenyl)-1-methyl-17-oxooctadecyl ester, 2-acetate
 6-(hydrogen propanedioate)
 MF C45 H68 O21

Absolute stereochemistry. Rotation (-).
 Currently available stereo shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

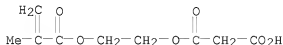
L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]butyl] ester
 MF C11 H16 O6
 CI COM



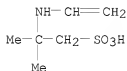
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 IN Propanedioic acid, mono[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl] ester,
 polymer with 2-(ethenylamino)-2-methyl-1-propanesulfonic acid and methyl
 2-propenoate (9CI)
 MF (C9 H12 O6 . C6 H13 N O3 S . C4 H6 O2)x
 CI PMS

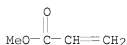
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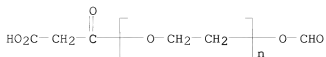
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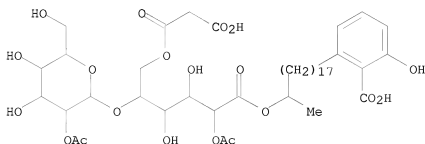
CM 3



L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Poly(oxy-1,2-ethanediyl), α-(carboxyacetyl)-ø-(formyloxy)-
 (9CI)
 MF (C2 H4 O)n C4 H4 O5
 CI PMS



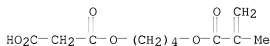
L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Hexonic acid, 5-O-(2-O-acetylhexopyranosyl)-,
 18-(2-carboxy-3-hydroxyphenyl)-1-methyloctadecyl ester, 2-acetate
 6-(hydrogen propanedioate) (9CI)
 MF C45 H70 O20



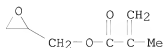
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L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]butyl] ester,
 polymer with 2-oxiranylmethyl 2-methyl-2-propenoate
 MF (C11 H16 O6 . C7 H10 O3)x
 CI PMS

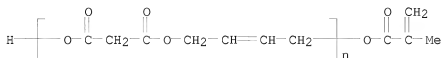
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CM 2

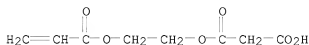


L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Poly[oxy(1,3-dioxo-1,3-propanediyl)oxy-2-butene-1,4-diyl],
 α -hydro- ω -[(2-methyl-1-oxo-2-propenyl)oxy]- (9CI)
 MF (C7 H8 O4)_n C4 H6 O2
 CI PMS, COM



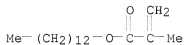
L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, tridecyl ester, polymer with dodecyl
 2-propenoate and 2-hydroxyethyl 2-propenoate,
 2-[(1-oxo-2-propenyl)oxy]ethyl propanedioate (9CI)
 MF (C17 H32 O2 . C15 H28 O2 . C5 H8 O3)_x . x C8 H10 O6

CM 1

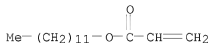


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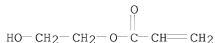
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CM 4

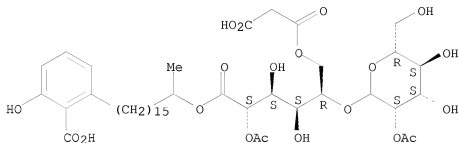


CM 5



L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN D-Mannonic acid, 5-O-(2-O-acetyl-D-mannopyranosyl)-,
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 6-(hydrogen propanedioate)
 MF C43 H66 O20

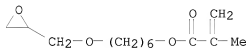
Absolute stereochemistry. Rotation (-).
 Currently available stereo shown.



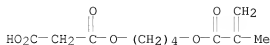
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 polymer with 2-methyl-2-propenoic acid, 6-(2-oxiranylmethoxy)hexyl
 2-methyl-2-propenoate and 2-oxiranylmethyl 2-methyl-2-propenoate
 MF (C13 H22 O4 . C11 H16 O6 . C7 H10 O3 . C4 H6 O2)x
 CI PMS

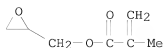
CM 1



CM 2



CM 3

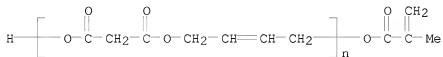


CM 4

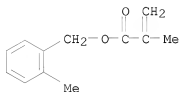


L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, (2-methylphenyl)methyl ester, polymer with
 α -hydro-m-[(2-methyl-1-oxo-2-propenyl)oxy]poly[oxy(1,3-dioxo-
 1,3-propanediyl)oxy-2-butene-1,4-diyl] (9CI)
 MF (C12 H14 O2 . (C7 H8 O4)n C4 H6 O2)x
 CI PMS

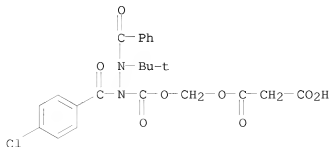
CM 1



CM 2



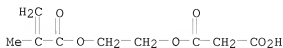
L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[[[2-benzoyl-1-(4-chlorobenzoyl)-2-(1,1-dimethylethyl)hydrazinyl]carbonyl]oxy]methyl] ester
 MF C23 H23 Cl N2 O8
 CI COM



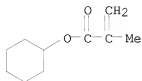
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl] ester,
 polymer with cyclohexyl 2-methyl-2-propenoate and methyl
 2-methyl-2-propenoate
 MF (C10 H16 O2 . C9 H12 O6 . C5 H8 O2)x
 CI PMS

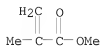
CM 1



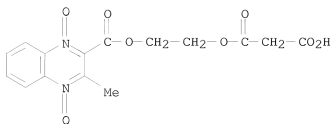
CM 2



CM 3



L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[2-[[[3-methyl-1,4-dioxido-2-
 quinoxaliny]carbonyl]oxy]ethyl] ester, sodium salt (1:1)
 MF C15 H14 N2 O8 . Na

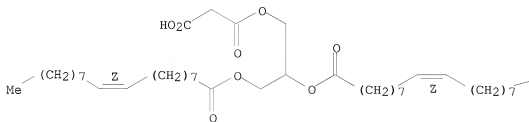


● Na

L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[2,3-bis[[(9Z)-1-oxo-9-octadecen-1-yl]oxy]propyl]
 ester
 MF C42 H74 O8

Double bond geometry as shown.

PAGE 1-A

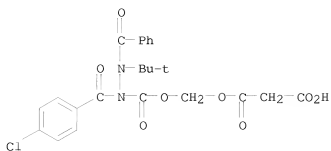


PAGE 1-B

Me

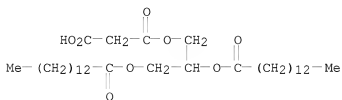
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[[[2-benzoyl-1-(4-chlorobenzoyl)-2-(1,1-
 dimethylethyl)hydrazinyl]carbonyl]oxy]methyl] ester, sodium salt (1:1)
 MF C23 H23 Cl N2 O8 . Na



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):20

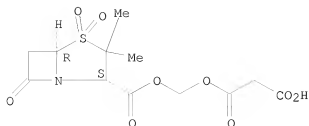
L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[2,3-bis[(1-oxotetradecyl)oxy]propyl] ester
 MF C34 H62 O8



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

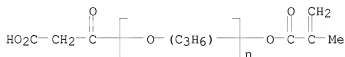
L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, mono[[[(3,3-dimethyl-4,4-dioxido-7-oxo-4-thia-1-azabicyclo[3.2.0]hept-2-yl)carbonyl]oxy]methyl] ester, sodium salt, (2S-cis)- (9CI)
 MF C12 H15 N O9 S . Na

Absolute stereochemistry.



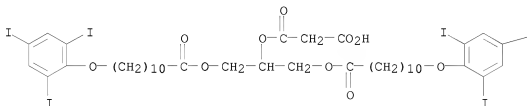
● Na

L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Poly[oxy(methyl-1,2-ethanediyl)], α -(carboxyacetyl)- ω -[(2-methyl-1-oxo-2-propenyl)oxy]- (9CI)
 MF (C3 H6 O)_n C7 H8 O5
 CI IDS, PMS, COM



L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[2-[[1-oxo-11-(2,4,6-triiodophenoxy)undecyl]oxy]-1-[[[1-oxo-11-(2,4,6-triiodophenoxy)undecyl]oxy]methyl]ethyl] ester
 MF C40 H52 I6 O10

PAGE 1-A



PAGE 1-B

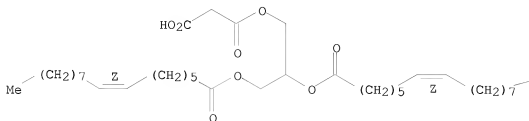
— I

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, 1-[2,3-bis[[(7Z)-1-oxo-7-hexadecen-1-yl]oxy]propyl]
 ester
 MF C38 H66 O8

Double bond geometry as shown.

PAGE 1-A



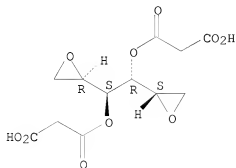
PAGE 1-B

Me

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Galactitol, 1,2:5,6-dianhydro-, bis(hydrogen propanedioate) (9CI)
 MF C12 H14 O10

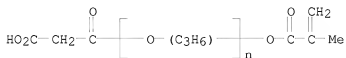
Relative stereochemistry.



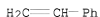
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Poly[oxy(methyl-1,2-ethanediyl)], α -(carboxyacetyl)- ω -[(2-methyl-1-oxo-2-propenyl)oxy]-, polymer with ethenylbenzene (9CI)
 MF (C8 H8 . (C3 H6 O)_n C7 H8 O5)_x
 CI PMS

CM 1

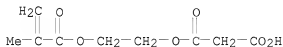


CM 2

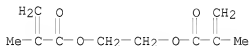


L12 31 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
 IN Propanedioic acid, mono[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl] ester, polymer with 1,2-ethanediyl bis(2-methyl-2-propenoate) and methyl 2-methyl-2-propenoate (9CI)
 MF (C10 H14 O4 . C9 H12 O6 . C5 H8 O2)_x
 CI PMS

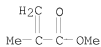
CM 1



CM 2



CM 3

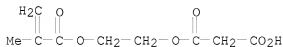


IN Propanedioic acid, 1-[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl] ester,
polymer with 1,3-butadiene, 2-methyl-2-propenoic acid,
octahydro-4,7-methano-1H-inden-5-yl 2-methyl-2-propenoate and phenylmethyl
2-methyl-2-propenoate

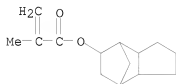
MF (C14 H20 O2 . C11 H12 O2 . C9 H12 O6 . C4 H6 O2 . C4 H6)x

CI PMS

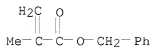
CM 1



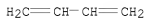
CM 2



CM 3



CM 4

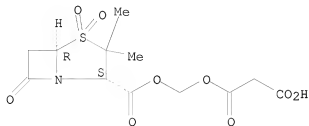


CM 5



IN Propanedioic acid, mono[[[(3,3-dimethyl-4,4-dioxido-7-oxo-4-thia-1-
 azabicyclo[3.2.0]hept-2-yl)carbonyl]oxy]methyl] ester, (2S-cis)- (9CI)
 MF C12 H15 N O9 S
 CI COM

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> logoff hold
 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
2.88	347.90

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-4.10

CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 06:12:38 ON 07 APR 2009